

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned
Applicant: Hiroyuki Senda, et al.
Filed: Herewith
Title: ERROR CORRECTION CIRCUIT AND ERROR CORRECTION METHOD
TC/A.U.: To Be Assigned
Examiner: To Be Assigned

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith.

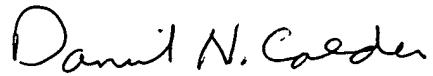
Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Under 37 C.F.R. § 1.98(d), copies of the patents and publications listed on the enclosed PTO Form 1449 are not required to be provided, because they were cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/311,394, filed May 13, 1999, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,



Daniel N. Calder, Reg. No. 27,424
Attorney for Applicants

DNC/vj

Enclosures: PTO Form 1449
Transmittal Form

Dated: February 5, 2004

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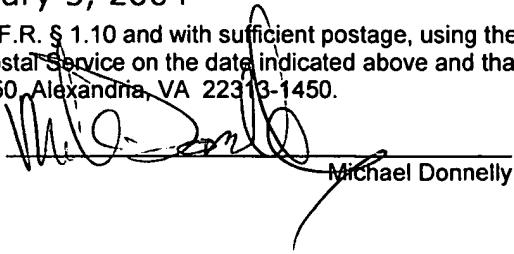
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Michael Donnelly

Substitute for Form 1449A/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 3

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Hiroyuki Senda, et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned

Attorney Docket No. YAO-4210US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (If known)			
		US-5,944,850 A	08-31-1999	Chouly, et al.	
		US-6,034,997 A	03-07-2000	Mackenthun	
		US-5,991,341 A	11-23-1999	Shin	
		US-4,905,317	02-27-1990	Suzuki, et al.	
		US-5,996,112 A	11-30-1999	Dabiri, et al.	
		US-5,974,091 A	10-26-1999	Huff	
		US-6,016,568 A	01-18-2000	Wolf, et al.	
		US-5,740,203 A	04-14-1998	Ramaswamy, et al.	
		US-6,041,432 A	03-21-2000	Ikeda	
		US-6,233,289	05-15-2001	Fredrickson	
		US-6,094,739	07-25-2000	Miller, et al.	
		US-4,868,830	09-19-1989	Pollara-Bozzola	
		US-4,730,322	03-08-1988	Pollara-Bozzola	
		US-5,379,306	01-03-1995	Noma, et al.	
		US-6,269,129	07-31-2001	Rhee, et al.	
		US-5,991,341	11-23-1999	Shin	
		US-5,844,922	12-01-1998	Wolf, et al.	
		US-5,651,032	07-22-1997	Okita	
		US-5,408,502	04-18-1995	How	
		US-5,502,736	03-26-1996	Todorki	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)				
		JP 09-147493 A	06-06-1997	Hitachi, Ltd.		<input type="checkbox"/>
		JP 2000-031870 A	01-28-2000	Lucent Technologies, Inc.		<input type="checkbox"/>
		JP 08-023282 A	01-23-1996	NEC Corp.		<input type="checkbox"/>
		JP 10-294671 A	04-11-1998	Samsung Electron Co., Ltd.		<input type="checkbox"/>
		JP 10-322229 A	04-12-1998	Daewoo Electron Co., Ltd.		<input type="checkbox"/>

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 2 of 3

Complet si Kn wn

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Hiroyuki Senda, et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	YAO-4210US1

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)				
		JP 10-042289 A	02-13-1998	Thomson Multimedia SA		<input checked="" type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature		Date Considered	
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1Applicant's unique citation designation number (optional)

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

3 Enter Office that issued the document, by the two-letter code (WIPO Standard St.3)

*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

**5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16. If possible,
6 add the date of the document.**

6 Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for Form 1449B/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	To Be Assigned
		Filing Date	Herewith
		First Named Inventor	Hiroyuki Senda, et al.
		Art Unit	To Be Assigned
		Examiner Name	To Be Assigned
SHEET 3 of 3		Attorney Docket No.	YAO-4210US1

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.**

Applicant's unique citation designation number (optional).

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collection of information is required by 37 CFR 1.98. The information is required to process an application. See 37 CFR 1.98.

to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T : **Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.**

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